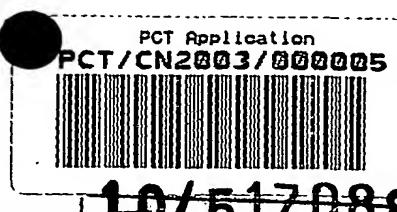
PATENT COOPERATION TREATY

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INTERNATION (C	AL PRELIMINARY RIChapter II of the Patent Co	EPORT ON PATE coperation Treaty)	NTABILITIES DE AUG 2004
•	(PCT Article 36 ar	d Rule 70)	WIPO PCT
Applicant's or agent's file reference PCT02067	FOR FURTHER ACTION	See I	Form PCT/IPEA/416
International application No. PCT/CN03/00005	International filing date (da 03.JAN 2003(0	3.01.03)	Priority date (day/month/year) 06.JUN 2002(06.06.02))
International Patent Classification (IPC) or IPC(7): A61K 31/70	national classification and if 4, A61 /00		
Applicant SHANGHAI ЛАНWA UNIT			ational Preliminary Examining Authorit
sheets of the description sheets containing rectains. Instructions). sheets which supersed the disclosure in the Box. b. [(sent to the International Box)]	de earlier sheets, but which to international application as i	Authority (see Rule 70 his Authority consider filed, as indicated in it	ded and are the basis of this report and/ .16 and Section 607 of the Administration of t
4. This report contains indications re	elating to the following items:		
Box No. IV Lack of units Box No. V Reasoned st	ishment of opinion with regar	vith regard to novelty,	step and industrial applicability inventive step or industrial applicability;
☐ Box No. VI Certain do ☐ Box No. VII Certain def	cuments cited fects in the international appli oservations on the internation	cation	
Date of submission of the demand 06. JAN 2004(06	5.01.04)		f this report 6.AUG 2004(16.08.04)
Name and mailing address of the IPE 6 Xitucheng Rd., Jimen Bridge, Haidi 100088 Beijing,	ian District,	Authorized officer ZHANG Telephone No. 86-10	

Facsimile No. 86-10-62019451

Internation	plication No.
	CT/CN03/00005

Bo	x No.	. I	Basis	of the report	
1.	With	h reg rwis	gard to e indic	the language, this report is based on the international application in the language ated under this item.	in which it was filed, unless
		Thi wh	s repoi	t is based on translations from the original language into the following language the language of a translation furnished for the purposes of:	, , , , , , , , , , , , , , , , , , ,
			inte	rnational search (under Rules 12.3 and 23.1(b))	
			pub.	lication of the international application (under Rule 12.4)	
				mational preliminary examination (under Rules 55.2 and/or 55.3)	
2.	anne	ie re exed	gard to ceiving to this	the elements of the international application, this report is based on (replacement g Office in response to an invitation under Article 14 are referred to in this report as report):	sheets which have been furnished as "originally filed" and are not
	\boxtimes			ational application as originally filed/furnished	
	<u> </u>		iges iges	ption:	
			iges *	received by this Authority on	as originally filed/furnished
			iges *	received by this Authority on	
		41	_1_1		
			claims iges		
			iges *		as originally filed/furnished
			iges *	as amended (together with a second by this Authority on	th any statement)under Article 19
			iges *	received by this Authority on	
		pa pa pa	drawin ges ges * ges *	received by this Authority on received by this Authority on received by this Authority on listing and/or any related table(s) - see Supplemental Box Relating to Sequence I	as originally filed/furnished
•					
3.		The	amen	dments have resulted in the cancellation of:	
			the	description, pages	
				claims, Nos.	
				drawings, sheets/figs	
			the	sequence listing (specify):	
			any	table(s) related to sequence listing (specify):	
4.		This	s repor	t has been established as if (some of) the amendments annexed to this report and l	isted helow had not been made
		sinc	e they	have been considered to go beyond the disclosure as filed, as indicated in the Sup	plemental Box (Rule 70.2(c)).
				description, pages	
			the o	claims, Nos.	
				drawings, sheets/figs	
				sequence listing (specify):	
ade a	TA .			table(s) related to sequence listing (specify):	
承	If it	em 4	I appli	es, some or all of those sheets may be marked "superseded."	
		==:.			

Box No. V Reasoned statement citations and explan	p or industrial applicability;		
. Statement:			
Novelty (N)	Claims	1-7	YES
	Claims		NO
Inventive step (IS)	Claims		YES
	Claims	1-7	NO
Industrial applicability (IA)	Claims	1-7	YES
	Claims		NO

.1 Claims 1-7 lack an inventive step under PCT Article 33(3) as being obvious over by WANG JW, et al.

Applicant's arguments have been fully considered, but are not found to be persuasive.

WANG JW et al (D3=CN1294017A) discloses a ceramide liposome emulsion containing VA. Quan DQ et al. (D1=Liaoning Pharmacy and Clinical Remedies) teach frieezed-dried liposomes (dry liposome or pro-liposome) can improve the stability of formulation, Quan also discloses some carriers (cryoprotectant). Moreover, D2 (Alain Meybeck, et al., US5034228A) discloses a cosmetic liposomal compsosition based on hydrated liposomes contg. a retinoid or related compound (esp. tretinoin), and teaches that encapsulation of tretinoin in liposomes reduces skin irritant effects. Thus, it would be obvious to an artisan that a pro-liposome may improve physico-chemical stability of the liposome, and to find some suitable excipient/ingredients affecting the statbility of dry liposomes, which are already known to be pharmaceutically accepable. The application as a whole does not provide any evidence that the liposome formed according to the present application indeed distinguish themselves from the liposome according to the prior art. Thus, claims 1-4 and 2-5 are deemed to be obvious to a person skilled in the art.

2.2 Claims 1-7 are considered to be fulfil the requirement of industrial applicability.

2.3 NEW CITATIONS:

D3=CN1294017A (WANG JW et al., 2001)